Accepted Manuscript

Interfacing anaerobic digestion with (bio)electrochemical systems: potentials and challenges

Jo De Vrieze, Jan.B.A. Arends, Kristof Verbeeck, Sylvia Gildemyn, Korneel Rabaey

PII:	S0043-1354(18)30666-3
DOI:	10.1016/j.watres.2018.08.045
Reference:	WR 14021
To appear in:	Water Research
Received Date:	06 June 2018
Accepted Date:	17 August 2018

Please cite this article as: Jo De Vrieze, Jan.B.A. Arends, Kristof Verbeeck, Sylvia Gildemyn, Korneel Rabaey, Interfacing anaerobic digestion with (bio)electrochemical systems: potentials and challenges, *Water Research* (2018), doi: 10.1016/j.watres.2018.08.045

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

1	MANUSCRIPT Water Research Version 3
2	
3	Title: Interfacing anaerobic digestion with (bio)electrochemical systems: potentials and
4	challenges
5	
6	Running title: Review bioelectrochemical systems in anaerobic digestion
7	
8	Jo De Vrieze ^{1,*} , Jan B.A. Arends ^{1,2,*} , Kristof Verbeeck ^{1,*} , Sylvia Gildemyn ^{1,3} , Korneel
9	Rabaey ^{1, 🖂}
10	
11	*These authors contributed equally to this work.
12	
13	¹ Center for Microbial Ecology & Technology (CMET), Ghent University, Coupure Links 653,
14	B-9000 Gent, Belgium
15	² Current affiliation: Resource Recovery Technology consortium, Ghent University, Coupure
16	Links 653, B-9000 Gent, Belgium
17	³ Current address: OWS nv, Dok Noord 5, 9000 Gent, Belgium
18	
19	
20	
21	
22	[™] Correspondence to: Korneel Rabaey, Ghent University; Faculty of Bioscience Engineering;
23	Center for Microbial Ecology and Technology (CMET); Coupure Links 653; B-9000 Gent,
24	Belgium; phone: +32 (0)9 264 59 76; fax: +32 (0)9 264 62 48; E-mail:
25	Korneel.Rabaey@UGent.be; Webpage: www.cmet.ugent.be.

Download English Version:

https://daneshyari.com/en/article/11024986

Download Persian Version:

https://daneshyari.com/article/11024986

Daneshyari.com